

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1362	((359/838 or 381/871-872).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/04/14 10:59
L2	2206	((381/86 or 381/349 or 381/150).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/04/14 10:58
L3	3207	((381/337-338 or 381/345 or 381/386 or 381/389).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/04/14 10:58
L4	469	((359/838 or 359/871-872).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/04/14 10:59
L5	1	((701/49).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/04/14 10:59
L6	1147	(Interior adj mirror) and (bass adj reflex )	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/14 11:00
L7	441	(Interior adj mirror)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/14 11:00
L8	232824	(Interior adj mirror) and (chamber or cavit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/14 11:01
L9	1	\$4speaker\$1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/14 11:02
L10	0	7 and 8 and 1 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/14 11:03
		7 and 8 and 2 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/14 11:03

## EAST Search History

L11	18	7 and 8 and 3 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/14 11:04
L12	1	7 and 8 and 4 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/14 11:05
L13	1	6 and 8 and 4 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/14 11:06
L14	20	6 and 8 and 3 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/14 11:06
L15	1	6 and 8 and 2 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/14 11:06
L16	13	6 and 8 and 1 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/14 11:07

## EAST Search History

S1	41	(("20040212906") or ("6127919") or ("20040047476") or ("4490842") or ("4597470") or ("4611686") or ("5847922") or ("4872527") or ("5307418") or ("5514841") or ("6062339") or ("5537480") or ("5004066") or ("4933982") or ("5333204") or ("6812854") or ("20040246607") or ("20020146116") or ("4756382") or ("4924962") or ("4281738") or ("4373606") or ("4410064") or ("5012889") or ("5471019") or ("5721786") or ("5749433") or ("6226927") or ("20040234082") or ("20060093158") or ("5012890") or ("4987564") or ("4987601") or ("5189706") or ("4580654") or ("5929393") or ("4466505") or ("5204501") or ("5216210") or ("5900594") or ("5979590") or ("6896097") or ("20020018573") or ("20030226712") or ("20030142422") or ("5629502") or ("5750942") or ("6292830") or ("5418336") or ("5577126")).PN.	USPAT; USOCR	OR	OFF	2007/04/14 10:56
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## EAST Search History

S2	51	((("20040212906") or ("6127919") or ("20040047476") or ("4490842") or ("4597470") or ("4611686") or ("5847922") or ("4872527") or ("5307418") or ("5514841") or ("6062339") or ("5537480") or ("5004066") or ("4933982") or ("5333204") or ("6812854") or ("20040246607") or ("20020146116") or ("4756382") or ("4924962") or ("4281738") or ("4373606") or ("4410064") or ("5012889") or ("5471019") or ("5721786") or ("5749433") or ("6226927") or ("20040234082") or ("20060093158") or ("5012890") or ("4987564") or ("4987601") or ("5189706") or ("4580654") or ("5929393") or ("4466505") or ("5204501") or ("5216210") or ("5900594") or ("5979590") or ("6896097") or ("20020018573") or ("20030226712") or ("20030142422") or ("5629502") or ("5750942") or ("6292830") or ("5418336") or ("5577126"))).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/04/07 15:12
S3	6	((ANDREAS) near2 (HEIM)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/07 15:35
S4	0	(Interior adj rearview adj mirror) same (car or automobule or vehicles) same (bass adj reflex )	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/09 09:15
S5	0	(Interior adj rearview adj mirror) same (car or automobile or vehicles) same (bass adj reflex )	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/14 11:00
S6	1	(Interior adj rearview adj mirror) and (car or automobile or vehicles) and (bass adj reflex )	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/09 09:58
S7	1	(Interior adj mirror) and (car or automobile or vehicles) and (bass adj reflex )	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/09 09:16
S8	2	(Interior same mirror) and (car or automobile or vehicles) and (bass adj reflex )	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/13 10:30

## EAST Search History

S9	6	(Interior and mirror) and (car or automobile or vehicles) and (bass adj reflex )	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/13 08:56
S10	5	S9 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/14 11:02
S11	21	("3247925"   "3347335"   "3609253"   "4499340"   "4514599"   "4551849"   "4807294"   "5901231"   "5902004"   "6188775"   "6198831"   "6201878"   "6320967"   "6332029"   "6356641"   "6367202"   "6377695"   "6397972"   "6411723").PN. OR ("7088836"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 09:40
S12	2	mirror same (car or automobile or vehicles) same (bass adj reflex )	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/09 09:59
S13	11	mirror and (car or automobile or vehicles) and (bass adj reflex )	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/09 10:09
S14	9	S13 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/12 16:31
S15	9	mirror same (bass adj reflex )	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/12 16:18
S16	7	S15 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/13 08:58
S17	0	"6127919" and bass and reflex	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/09 11:58
S18	0	"6127919".inv. and bass and reflex	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/09 11:58

## EAST Search History

S19	9	"6127919"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/09 11:58
S20	28	("2392665"   "3099797"   "3950701"   "4326100"   "4445228"   "4550796"   "4646210"   "4768870"   "4888072"   "5124845"   "5297212"   "5499169"   "5546468"   "5649317"   "5854847"   "D082355"   "D304920").PN. OR ("6127919"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 12:03
S21	20	("4445228"   "5371659"   "5477391"   "5497305"   "5497306"   "5669699"   "5669704"   "5669705"   "5823654"   "5863116"   "5903402"   "5940230"   "5956181"   "6022113"   "6113241"   "6116743"   "6127919"   "6130514"   "6172613"   "6278377").PN. OR ("7040770").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 12:11
S22	37	mirror and (bass adj reflex )	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/12 16:18
S23	30	S22 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/12 16:29
S24	1369386	interior rear-view mirror same speaker same memory "drive."	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/12 16:30
S25	3260544	interior rear-view mirror same speaker same memory drive	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/12 16:30
S26	0	(interior adj mirror) same speaker same (memory adj drive)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/12 16:31
S27	1	(interior adj mirror) and speaker and (memory adj drive)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/12 16:39

## EAST Search History

S28	66	mirror and speaker and (memory adj drive)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/12 16:31
S29	24	S28 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/12 16:40
S30	96	(interior adj mirror) and speaker and (memory and drive)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/13 13:51
S31	44	S30 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/12 17:04
S32	114	"5796176"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/12 17:05
S33	1	(Interior adj mirror) and (bass adj reflex )	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/13 09:04
S34	511	(Interior adj mirror) and (bass near\$2 reflex )	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/13 08:57
S35	1	(Interior adj mirror) and (bass near reflex )	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/13 08:57
S36	474	(Interior adj mirror) and (bass near\$1 reflex )	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/13 08:58
S37	292	S36 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/13 08:58
S38	56	(Interior adj mirror) same (bass near\$1 reflex )	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/13 08:58
S39	25	S38 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/13 08:58

## EAST Search History

S40	0	(Interior adj mirror) same bass same (chamber or cavit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/13 10:22
S41	2	(Interior adj mirror) and bass and (chamber or cavit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/14 11:01
S42	4	((("6,909,361") or ("6,889,064") or ("6,766,233") or ("6,690,956"))). PN. or ((2005/0090279) or (2004/0203379) or (2004/0110472) or (2003/0228879) or (2002/0197955)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/13 09:12
S43	9	((("6,909,361") or ("6,889,064") or ("6,766,233") or ("6,690,956") or ("20050090279") or ("20040203379") or ("20040110472") or ("20030228879") or ("20020197955"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/13 09:16
S44	6	((("20020032510") or ("6,420,975") or ("3,944,020") or ("20030032460") or ("20040203494") or ("6,522,763"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/13 09:25
S45	9	"6127919"	USPAT	OR	ON	2007/04/13 09:25
S46	9	"6127919"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/04/13 09:26
S47	28	("2392665"   "3099797"   "3950701"   "4326100"   "4445228"   "4550796"   "4646210"   "4768870"   "4888072"   "5124845"   "5297212"   "5499169"   "5546468"   "5649317"   "5854847"   "D082355"   "D304920").PN. OR ("6127919"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 09:27



## EAST Search History

S48	28	("2392665"   "3099797"   "3950701"   "4326100"   "4445228"   "4550796"   "4646210"   "4768870"   "4888072"   "5124845"   "5297212"   "5499169"   "5546468"   "5649317"   "5854847"   "D082355"   "D304920").PN. OR ("6127919").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 09:32
S49	18	((("6906632") or ("6882734") or ("6735506") or ("6728375") or ("6650233") or ("6614911") or ("6466136") or ("6433676") or ("6366622") or ("6285757") or ("6243003") or ("6198947") or ("6127919") or ("6069588") or ("5889474") or ("20040246607") or ("20020032510") or ("20020013730"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/13 09:33
S50	1	(Interior adj mirror) same bass same \$4speaker\$1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/13 10:23
S51	2	(Interior adj mirror) and bass and \$4speaker\$1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/13 10:24
S52	6	(Interior adj mirror) and (bass or low adj frequency) and \$4speaker\$1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/13 10:29
S53	1999	(mirror) and (bass or low adj frequency) and \$4speaker\$1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/13 10:30
S54	11	(mirror) and \$4speaker\$1 and (car or automobile or vehicles) and (bass adj reflex )	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/13 10:32
S55	619	(mirror) and \$4speaker\$1 and (car or automobile or vehicles) and (bass or low adj frequency )	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/13 10:34
S56	15	(mirror) same \$4speaker\$1 same (car or automobile or vehicles) same (bass or low adj frequency )	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/13 10:34

## EAST Search History

S57	1	(interior adj mirror) and speaker and (memory adj motor)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/13 13:52
S58	1	(interior adj mirror) and (memory adj motor)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/13 13:57
S59	569	(memory adj motor)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/13 13:52
S60	57	(mirror) and (memory adj motor)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/13 13:52
S61	38	S60 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/13 13:58
S62	60873	(memory same motor)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/13 13:57
S63	952	(memory near motor)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/13 13:57
S64	1147	(interior adj mirror)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/13 13:57
S65	1	S63 and S64	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/13 15:50
S66	68	S62 and S64	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/13 13:57
S67	41	S66 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/13 14:50
S68	6	"5798579"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/13 14:51

## EAST Search History

S69	182	"5798575"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/13 15:15
S70	8	("3,836,732") or ("3,875,349") or ("4,051,330") or ("5,341,433") or ("5,850,665") or ("5,933,510") or ("6,101,258") or ("6,389,142")). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/13 15:16